

ABSTRACT OF THE DISCLOSURE

Antibodies reactive with isolated proteins, designated SdrF, SdrG and SdrH, and their corresponding amino acid and nucleic acid sequences, are provided which are useful in the prevention and treatment of infection caused by coagulase-negative staphylococcal bacteria such as *S. epidermidis*. The SdrF, SdrG and SdrH proteins are cell-wall associated proteins that specifically bind host proteins and which each have a highly conserved motif of which the consensus sequence is TYTFTDYVD (SEQ ID NO: 16). The antibodies are also useful for the diagnosis and treatment of coagulase-negative staphylococcal infections and may be administered to wounds or used to coat biomaterials to act as blocking agents to prevent or inhibit the binding of coagulase-negative staphylococci to wounds or biomaterials.